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E-MAIL: MGraham@LNG-patent.comINTELLECTUAL PROPERTY LAW  
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KNOXVILLE, TENNESSEE 37901FRED THOMSEN  
Of Counsel

September 1, 2004

**FACSIMILE TRANSMITTAL**

TO: Examiner Jose A. Fortuna  
FAX # (703) 872-9306  
FROM: Mark S. Graham  
RE: LOW DENSITY PAPER AND PAPERBOARD ARTICLES  
U.S. Application No. 09/770,340 filed 01/26/2001  
IP Case No. 024555[BB]  
LNG File No. 54821.P1/ C-3536.1

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE, 8

Dear Examiner Fortuna:

Pursuant to our conversation this a.m., attached is a copy of the Information Disclosure Statement filed in April 6, 2001, along with the return receipt post card.

Please call us and let us know what you can do to allow this case to issue in the normal course. Also, we need to discuss the recent communication dated August 24, 2004<sup>1</sup>, wherein you disapproved the 3.12 amendment.

I look forward to hearing from you soon.

Regards,  
Mark

## CONFIDENTIALITY NOTICE

The information contained in this facsimile message is privileged and confidential information intended for the use of the addressee listed above. If you have received this telecopy in error, please immediately notify us by telephone to arrange for return of the original documents to us.

<sup>1</sup> It was noted in this communication "the IDS filed on July 19, 2004, has not been considered, because it was filed after the payment of the issue fee..." A copy of the April 6, 2001 IDS with non-patent references was filed as a courtesy with a response to an Office Action in the divisional case U.S. Serial No. 10/666,416.

Serial No. 09/770,340

Atty File No. 54821.P1/ C-3520.0

Date: April 6, 2001

Applicant: Kosaraju Krishna MOHAN, et al.

Filing Date: January 26, 2001

For: LOW DENSITY PAPER AND PAPERBOARD ARTICLES

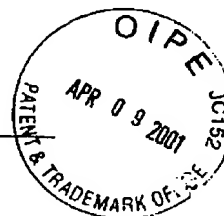
Group Art:

Enclosure(s): (1) Information Disclosure Statement (1 pg.)  
PTO Form 1449A (4 pgs.)  
(2) Copies of Cited Art: 49 patents and 9 articles  
(3) First Class Certificate of Mailing

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

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Please acknowledge receipt of the above identified documents by applying the Patent and Trademark Office receipt stamp hereto and filing this date.

Respectfully,  
LUEDEKA, NEELY & GRAHAM, P.C.  
MSG:lal

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SEP 01 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kosaraju Krishna MOHAN, et. al.  
Serial No.: 09/770,340  
Filed: January 26, 2001  
For: LOW DENSITY PAPER AND PAPERBOARD ARTICLES  
GAU/Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

This statement is believed to be in compliance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, including submission of the enclosed full-text copies.

By this submission applicant is not admitting the materiality of these references; they are merely submitted to ensure full compliance with 37 C.F.R. § 1.56.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.

By: 

Mark S. Graham

Registration No. 32,355

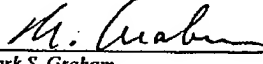
Date: April 6, 2001  
P.O. Box 1871  
Knoxville, Tennessee 37901  
(865) 546-4305

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\*\*\* CERTIFICATE OF MAILING \*\*\*

*I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231*

on April 6, 2001  
Date

  
Mark S. Graham

SEP 01 2004

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	5	Application Number	09/770,340
				Filing Date	January 26, 2001
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	
				Examiner Name	
				Attorney Docket No.	54821.P1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,293,114	D. Kenaga, et al.	12/20/1966	
		3,357,322	L. D. Gill	01/12/1965	
		3,468,467	S. W. Amberg	09/23/1969	
		3,556,934	F. Meyer	01/19/1971	
		3,615,972	D. Morehouse, et al.	10/26/1971	
		3,779,951	R. Streu	12/18/1973	
		3,785,254	Robert H. Mann	01/15/1974	
		3,941,634	H. Nisser, et al.	03/02/1976	
		4,051,277	R. M. Wilkinson	09/27/1977	
		4,133,688	W. H. Sack	01/09/1979	
		4,233,325	G. Slangan	11/11/1980	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>2</sup>	Number <sup>3</sup>				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Applicant is to place a check mark here if English language translation is attached.

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(use as many sheets as necessary)

<b>Sheet</b> 2 <b>of</b> 5	<b>Application Number</b>	09/770,340
	<b>Filing Date</b>	January 26, 2001
	<b>First Named Inventor</b>	Kosaraju Krishna MOHAN
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket No.</b>	54821.P1

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		4,237,171	Fred C. Laage	12/02/1980	
		4,241,125	R. G. Canning	12/23/1980	
		4,435,344	A. Iioka	03/06/1984	
		4,451,585	B. Andersson	05/29/1984	
		4,483,889	B. Andersson	11/20/1984	
		4,548,349	R. Tunberg	10/22/1985	
		4,581,285	E. Mahefkey, Jr.	04/08/1986	
		4,617,223	D. F. Hiscock	10/14/1986	
		4,619,734	I. Andersson	10/28/1986	
		4,777,930	M. E. Hartz	10/18/1988	
		4,781,243	N. DeVogel	11/01/1988	
		4,836,400	W. Chaffey, et al.	06/06/1989	

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(use as many sheets as necessary)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/770,340
				Filing Date	January 26, 2001
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	
				Examiner Name	
Sheet	3	of	5	Attorney Docket No.	54821.P1

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		4,898,752	G. A. Cavagna	02/06/1990	
		4,902,722	G. E. Meiber	02/20/1990	
		4,946,737	C. M. Lindeman, et al.	08/07/1990	
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		5,092,485	T. T. Lee	03/03/1992	
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		5,226,585	R. Varano	07/13/1993	
		5,363,982	C. E. Sadlier	11/15/1994	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

5

Application Number

09/770,340

Filing Date

January 26, 2001

First Named Inventor

Kosaraju Krishna MOHAN

Group Art Unit

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		5,454,471	J. Norvell	10/03/1995	
		5,477,917	I. Salyer	12/26/1995	
		5,478,988	T. E. Hughes, et al.	12/26/1995	
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		5,637,389	David Colvin, et al.	06/10/1997	
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		5,759,624	Douglas Neale, et al.	06/02/1988	
		5,792,398	Bengt Andersson	08/11/1998	
		5,880,435	William M. Bostic	03/09/1999	
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		5,952,068	D. Neale, et al.	09/14/1999	

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		Tappi/ May 1972, Vol. 55, No. 5, pg. 770-771	
		Tappi/ December 1973, Vol. 56, No. 12, Pg. 158-160	
		"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VIII/17-VII/21	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 5

Application Number	09/770,340
Filing Date	January 26, 2001
First Named Inventor	K. Mohan, et al.
Group Art Unit	
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Attorney Docket No.	54821.P1

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		"XPANCEL®", An Introduction, a publication from Expancel, Box 13000, S0-850 13 Sundsvall, SWEDEN	
		"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)	
		"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127	
		EXPANCEL® Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast. AB, Sector Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN	
		"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs. 143-145	
		"Foams on the Cutting Edge", by Ray Erikson, January 1999	

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